

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137401.D
 Acq On : 27 Feb 2024 13:17
 Operator : CG\JU
 Sample : PB159259BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159259BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 27 13:49:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	251989	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	1022416	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	565380	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	1019439	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	553210	20.000	ng	0.00
86) Perylene-d12	15.451	264	478902	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2068164	126.642	ng	0.00
7) Phenol-d6	6.434	99	2863349	119.192	ng	0.00
23) Nitrobenzene-d5	7.357	82	1804060	88.092	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	692486	140.653	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2909632	80.120	ng	0.00
79) Terphenyl-d14	12.916	244	3490668	88.255	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	333967	37.331	ng	98
3) Pyridine	3.404	79	766717	34.161	ng	98
4) n-Nitrosodimethylamine	3.381	42	398529	46.494	ng	98
6) Aniline	6.457	93	675912	23.726	ng	95
8) 2-Chlorophenol	6.575	128	829584	47.362	ng	98
9) Benzaldehyde	6.340	77	154837	13.388	ng	97
10) Phenol	6.445	94	1114856	42.404	ng	92
11) bis(2-Chloroethyl)ether	6.528	93	893433	46.766	ng	96
12) 1,3-Dichlorobenzene	6.728	146	833638	44.319	ng	98
13) 1,4-Dichlorobenzene	6.804	146	861417	44.480	ng	100
14) 1,2-Dichlorobenzene	6.951	146	821441	45.856	ng	99
15) Benzyl Alcohol	6.934	79	746843	52.154	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	1439536	45.333	ng	100
17) 2-Methylphenol	7.045	107	698488	42.147	ng	97
18) Hexachloroethane	7.292	117	295151	44.228	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	638783	43.151	ng	99
20) 3+4-Methylphenols	7.198	107	787293	41.679	ng	97
22) Acetophenone	7.198	105	1122564	45.278	ng	99
24) Nitrobenzene	7.369	77	958832	46.077	ng	95
25) Isophorone	7.610	82	1866285	44.067	ng	100
26) 2-Nitrophenol	7.687	139	414096	51.831	ng	99
27) 2,4-Dimethylphenol	7.728	122	618214	39.692	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	1109864	45.466	ng	99
29) 2,4-Dichlorophenol	7.928	162	688671	47.175	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	710760	45.361	ng	99
31) Naphthalene	8.092	128	2332116	42.504	ng	99
32) Benzoic acid	7.875	122	499050	51.731	ng	98
33) 4-Chloroaniline	8.139	127	270793	12.976	ng	97
34) Hexachlorobutadiene	8.204	225	410810	44.133	ng	99
35) Caprolactam	8.522	113	228098m	50.526	ng	
36) 4-Chloro-3-methylphenol	8.628	107	766163	46.294	ng	100
37) 2-Methylnaphthalene	8.781	142	1448004	40.955	ng	97
38) 1-Methylnaphthalene	8.881	142	1395918	41.760	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	692236	44.453	ng	99
41) Hexachlorocyclopentadiene	8.933	237	592142	83.869	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	482732	47.811	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	506649	43.739	ng	99
46) 1,1'-Biphenyl	9.251	154	1797559	43.653	ng	99
47) 2-Chloronaphthalene	9.275	162	1432488	46.064	ng	98
48) 2-Nitroaniline	9.375	65	480485	50.618	ng	96
49) Acenaphthylene	9.686	152	2267653	44.881	ng	99
50) Dimethylphthalate	9.557	163	1743667	44.632	ng	99
51) 2,6-Dinitrotoluene	9.616	165	372092	51.196	ng	# 83
52) Acenaphthene	9.863	154	1286635	42.660	ng	99
53) 3-Nitroaniline	9.786	138	227420	28.398	ng	98
54) 2,4-Dinitrophenol	9.898	184	401886	108.741	ng	92
55) Dibenzofuran	10.033	168	1929015	41.382	ng	97
56) 4-Nitrophenol	9.963	139	600846	96.536	ng	98
57) 2,4-Dinitrotoluene	10.022	165	477133	51.838	ng	95
58) Fluorene	10.380	166	1486639	41.761	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	439152m	45.782	ng	
60) Diethylphthalate	10.263	149	1667869	45.726	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	724881	41.395	ng	99
62) 4-Nitroaniline	10.410	138	380118m	49.650	ng	
63) Azobenzene	10.533	77	1890485	43.320	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	261940	52.120	ng	92
66) n-Nitrosodiphenylamine	10.498	169	1379745	41.674	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	470909	42.969	ng	95
68) Hexachlorobenzene	10.922	284	502147	44.292	ng	93
69) Atrazine	11.027	200	421662	47.192	ng	97
70) Pentachlorophenol	11.122	266	621446	86.517	ng	99
71) Phenanthrene	11.345	178	2295374	40.811	ng	100
72) Anthracene	11.398	178	2377385	41.016	ng	99
73) Carbazole	11.557	167	2162808	43.673	ng	99
74) Di-n-butylphthalate	11.892	149	2595929	52.387	ng	100
75) Fluoranthene	12.539	202	2382035	43.388	ng	99
77) Benzidine	12.669	184	265405	30.972	ng	99
78) Pyrene	12.769	202	2434187	46.534	ng	100
80) Butylbenzylphthalate	13.398	149	608588	68.245	ng	94
81) Benzo(a)anthracene	13.963	228	1767953	46.055	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	350346	40.066	ng	99
83) Chrysene	13.998	228	1753654	44.719	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	796486	69.975	ng	98
85) Di-n-octyl phthalate	14.580	149	1411412	66.981	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.962	276	1603325	48.337	ng	99
88) Benzo(b)fluoranthene	15.021	252	1357747	46.216	ng	99
89) Benzo(k)fluoranthene	15.051	252	1340688	43.541	ng	99
90) Benzo(a)pyrene	15.392	252	1238993	44.462	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	1290039	47.498	ng	99
92) Benzo(g,h,i)perylene	17.415	276	1277580	45.591	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

